IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: John R. CARLSON et al.)
Divisional of Application No. 09/491,577) Group Art Unit: 1646
Filed: Concurrently) Examiner: Joseph F. Murphy
For: NOVEL ODORANT RECEPTORS IN DROSOPHILA)

MAIL STOP PATENT APPLICATION

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place, Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. § 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

Copies of the listed documents are attached. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such document.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

ATTORNEY DOCKET NO. 044574-5061-01

Divisional of Application No.: 09/491,577

Page 2

Except for issue fees payable under 37 C.F.R. §1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. §1.136(a)(3).

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

Erich E. Veitenheimer Reg. No. 40,420

Dated: June <u>23</u>, 2003 MORGAN, LEWIS & BOCKIUS LLP 1111 Pennsylvania Avenue, NW Washington, D.C. 20004 (202) 739-3000

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)
PTO Form 1449

Aty Dkt No. Prior Application No. 09/491,577 044574-5061-01

Applicants: John R. CARLSON et al.

Filing Date: Concurrently Group Art Unit: 1646

			ATENT DOCUMENTS		,			
Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date		
	5,786,203	07/28/98	Lovenberg et al.	435	252.3	01/31/1995		
	5,993,778	11/30/99	Firestein et al.	424	9.1	7/10/97		
	5,772,983	6/30/98	O'Connell et al.	424	9.2	10/16/95		
			ding Author, Title, Date, Pe		s, Etc.)			
1/-			Natl. Acad. Sci. USA, 88,	5467-5471				
	Clyne et al., 1999, Neuron, 22, 339-347							
V			JS00/01823, September 7,	2000 (7 pag	jes)			
	Written Opinion, PCT/US00/01823, May 4, 2001 (5 pages)							
	Boeckh et al., 1996, Pesticide Science, 48:359-373							
V	Bogner et al., 1992, J. Chem. Ecology, 18:427-439							
-1/	Cao et al., 1998, Proc. Natl. Acad. Sci. USA, 95:11987-11992							
	Carlson, 1996, <i>Trends Genet.</i> , 12:175-180							
-1/-	Carlson, 2000, <i>Neuro</i> n, 25:503-504							
1/	Clyne et al., 1997, Invert. Neurosci., 3:127-135							
V	Clyne et al., 1999, Neuron, 22:327-338							
1/	de Bruyne et al., 1999, J. Neurosci., 19:4520-4532							
V	Dryer & Berghard, 199	99, Trends P	harmacol. Sci., 20:413-417					
V	Gao & Chess, 1999, <i>Genomics</i> , 60:31-39							
V	Hekmat-Scafe et al., 1	996, <i>Ann. N</i>	Y Acad. Sci., 855:311-315					
V	Grant et al., 1996, Phy	Grant et al., 1996, Physiol. Entomol., 21:59-63						
	Hekmat-Scafe et al., 1997, J. Neurosci , 17:1616-1624							
	Hekmat-Scafe et al., 1	996, Ciba Fo	ound. Symp., 200:285-296	discussion 2	296-301)			
	Hefland & Carlson, 19	89, Proc. Na	tl. Acad. Sci. USA, 86:2908	-2912				
	Hing & Carlson, 1996,	J. Neurobio	., 30:454-464					
1/	Karg & Suckling, 1999, INSECT OLFACTION (1999) 351-377, Hansson (editor), Springer-Verlag							
1/	Störtkuhl et al., 1999,	J. Neurosci.,	19:4839-4846					
V	Lilly et al., 1994, Genetics , 136:1087-1096							
V	McKenna et al., 1994, J. Biol. Chem., 269:16340-16347							
V	Mombaerts, 1999, Science, 286:707-711							
V	Riesgo-Escovar et al., 1997, J. Comp Physiol., 180:151-160							
1/	Riesgo-Escovar et al., 1997, J. Comp Physiol., 180:143-150							
i/	Renou et al., 1996, J. Insect Physiol., 42:267-277							
C	Ryba & Tirindelli, 1997, Neuron, 19:371-379							
V	Wiltschko, 1996, J. Exp. Biol., 199:113-119							
	Vosshall et al., 1999, Cell, 96:725-736							
1	Yoshikawa et al., 1992	2, J. Biol. Che	em., 267:16613-16619					
	Doerks et al., 1998, Trends in Genetics, 14(6): 248-250.							
1/	Mikayama, 1993, Prod	. Natl. Acad.	Sci. USA, 90: 10056-1006	0.				
i	Voet et al., 1990, John Wiley & Sons., Inc., pgs. 126-128 and 228-234.							
	Celniker et al., 1998, Drosophila melanogaster (P! DS05342 (D92)) DNA Sequence, complete							
	sequence. Accession							
xaminer:			Date Considered:					
			citation is in conformance wit					

1-WA/2008201.1